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,	Application Number	09/826,458
TRANSMITTAL	Filing Date	April 5, 2001
FORM	First Named Inventor	XI-Cheng Zhang et al.
(to be used for all correspondence after initial filing)	Art Unit	2878
	Examiner Name	Shun K. Lee

Total Number of Pages in This Submission	n	Attorney Docket No.	RPI-103US		
	ENCLOSUR	ES (Check all that	apply)		
Fee Transmittal Form Fee Attached Amendment Rep E After Final After Final Affidavits/Declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	Drawi Licens Petitic Provis Power Chang Addre Termi Reque	ng(s) sing-related Papers on on to Convert to a sional Application or of Attorney, Revocati	ion,	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below): Form 1449 & references	
SIGNATUR	RE OF APPLIC	ANT, ATTORNEY	OR AGENT		
Firm or Individual Signature Date June 30, 2003	3	Registration No. (Atto	omey/Agent)	41,712	
CERTIFICATE OF TRANSMISSION / MAILING					
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: June 30, 2003					
Name (Print/Type) Ruth Curran					
Signature Q (1)	nan		Date	June 30, 2003	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: COMMISSIONER FOR PATENTS, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

RPI-103US PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No:

09/826,458

Applicants:

Xi-Cheng Zhang et al.

Filed:

April 5, 2001

Title:

TERAHERTZ TRANSCEIVERS AND METHODS FOR EMISSION

AND DETECTION OF TERAHERTZ PULSES USING SUCH TRANCEIVERS

CEIVEL TOWN

TC/A.U.:

2878

Examiner:

Shun K. Lee

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (R&P) submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

More than three months have elapsed since the filing of the above-referenced application and a first (non-Final) Official Action has been received. No Final Action or Notice of Allowance has yet been received and it is presumed that none has yet been mailed.

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Accordingly, the required fee set forth in 37 C.F.R. § 1.17(p) is provided

herewith.

Respectfully submitted,

Rex A. Donnelly, Reg. No. 41,712 Attorney for Applicants

Enclosures: PTO Form 1449

(2) References Transmittal Form

Fee Transmittal and Check (\$180)

Dated: June 27, 2003

P.O. Box 980 Valley Forge, PA 19482-0980 (610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

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0 2 2003 PTO/SB/08A (AW 4/25/03) (04-03)
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RPI-103US

ubstitute for Form 1440PTO		Complete if Kn wn	
	Application Number	09/826,458	
NFORMATION DISCLOSURE	Filing Date	April 5, 2001	
	First Named Inventor	Xi-Cheng Zhang et al.	
(Use as many sheets as necessary)	Art Unit	2878	
	Examiner Name	Shun K. Lee	-

Attorney Docket No.

SHEET 1 of 2

U.S. PATENT DOCUMENTS						
		Document Number			Pages, Columns, Lines, Where	
Examiner Initials*	Cite No.1	Number - Kind Code ^{2 (if known)}	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevan Figures Appear	
		US-5,952,818	09-14-1999	Zhang et al.		
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FOREIGN PATENT DOCUMENTS						
_		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Examiner Initlals*	Cite No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Passages or Relevant Figures Appear	Т ⁶
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Examiner		Date	
Signature	•	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

For Japanese patent document, by the two-letter code (WIPO Standard St.3).

*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

Applicant is to place a check mark here if English language translation is attached.

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Art Unit	2878	
Examiner Name	Shun K. Lee	
Attorney Docket No.	RPI-103US	
	Filing Date First Named Inventor Art Unit Examiner Name	

NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²		
		D. GRISCHKOWSKY ET AL., "Far-Infrared Time-Domain Spectroscopy With Terahertz Beams of Dielectrics and Semiconductors," J. Opt. Soc. Am. B., 7, 2006 (1990)			
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